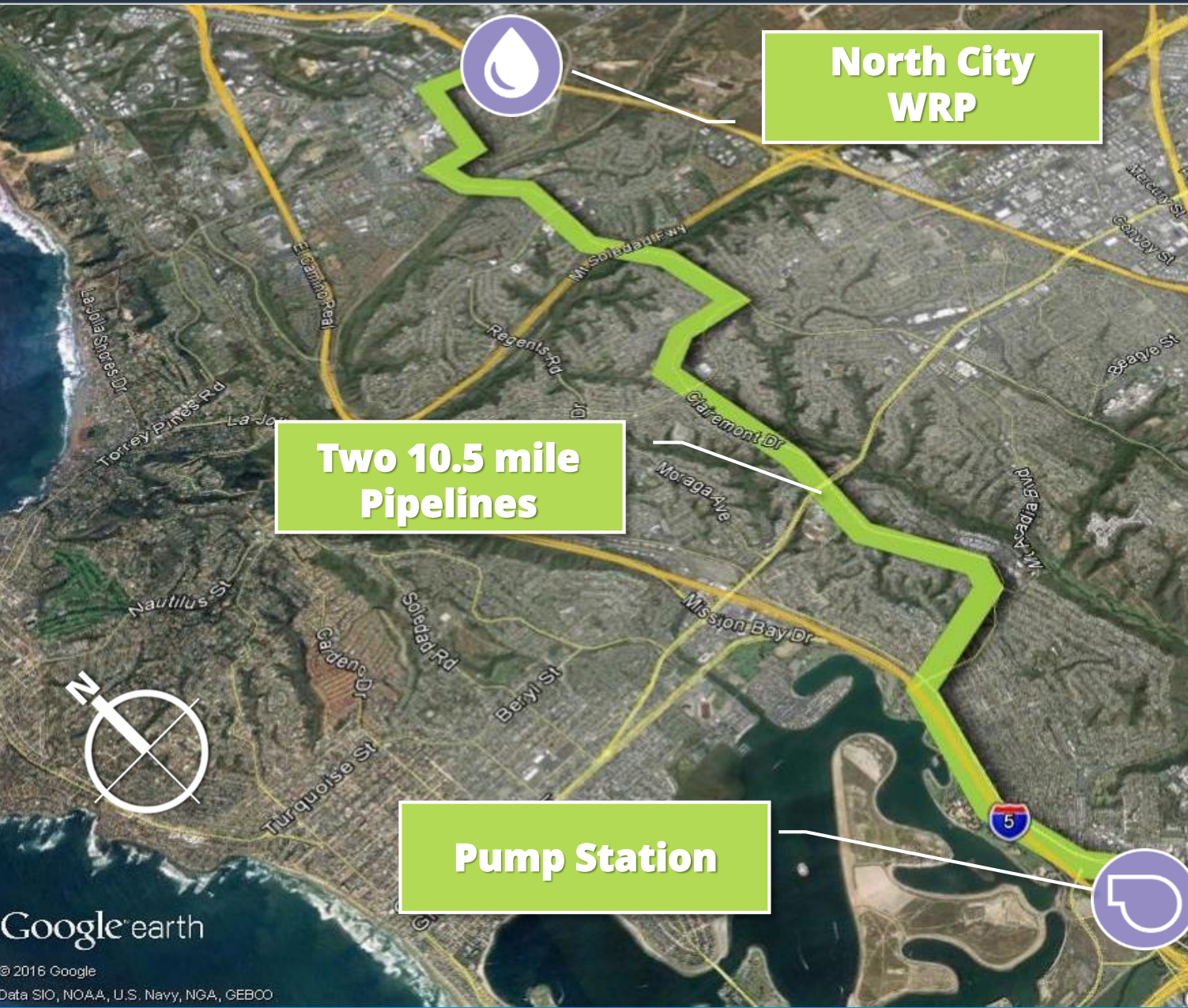


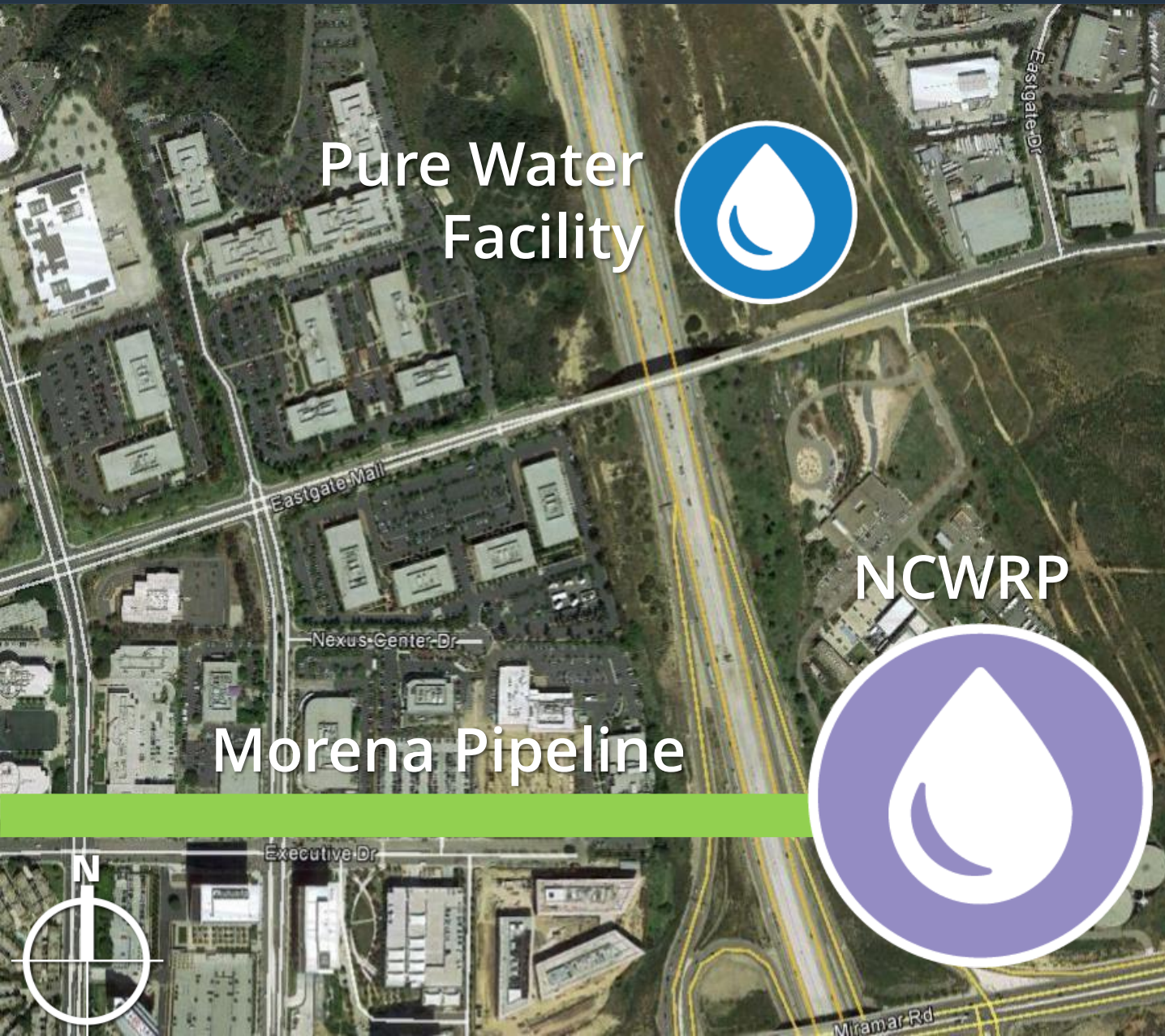
SD Morena Pump Station and Pipeline



- Conveys wastewater to North City Water Reclamation Plant (WRP)
- Supports Phase I Pure Water and recycled water production
- Trenchless construction will be used to avoid:
 - *environmentally sensitive areas*
 - *freeway crossings*
- Design completion: Mid 2018



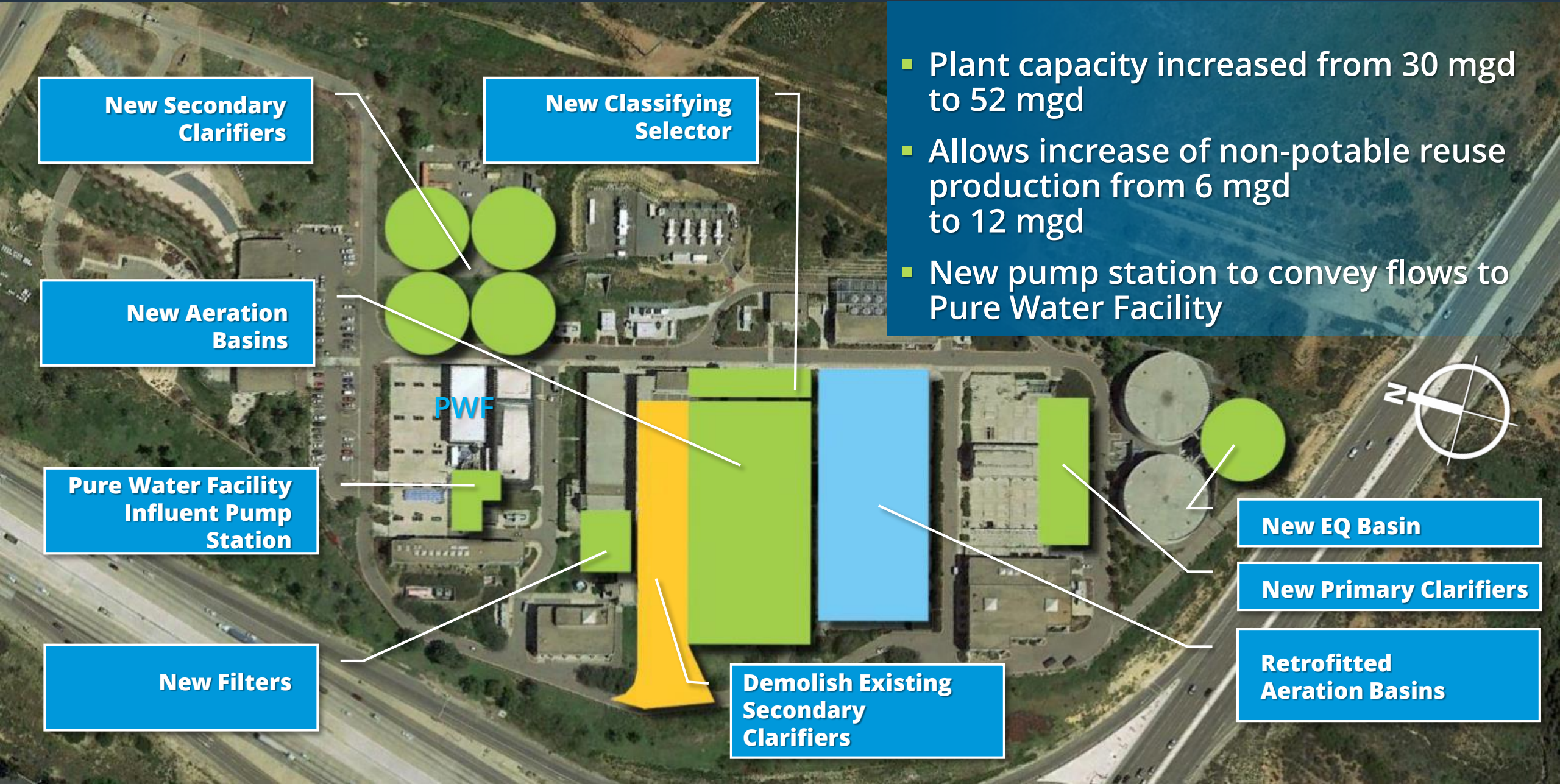
North City WRP Expansion



- Treats wastewater to recycled water standards
- Expansion nearly doubles the amount of recycled water produced to meet needs of:
 - *Pure Water Facility*
 - *Recycled Water System*
- Design Completion: Mid 2018
- Construction: Early 2019 - Late 2021



North City WRP Expansion



New Secondary Clarifiers

New Classifying Selector

New Aeration Basins

Pure Water Facility Influent Pump Station

New Filters

Demolish Existing Secondary Clarifiers

New EQ Basin

New Primary Clarifiers

Retrofitted Aeration Basins



North City Pure Water Facility

Pure Water
Facility



NCWRP



- Treats recycled water to produce 30 mgd of purified water
- Includes a proven 5-step advanced water purification treatment process





North City Pure Water Facility



Ozonation



Biological
Activated
Carbon
Filters



Membrane
Filtration



Reverse
Osmosis

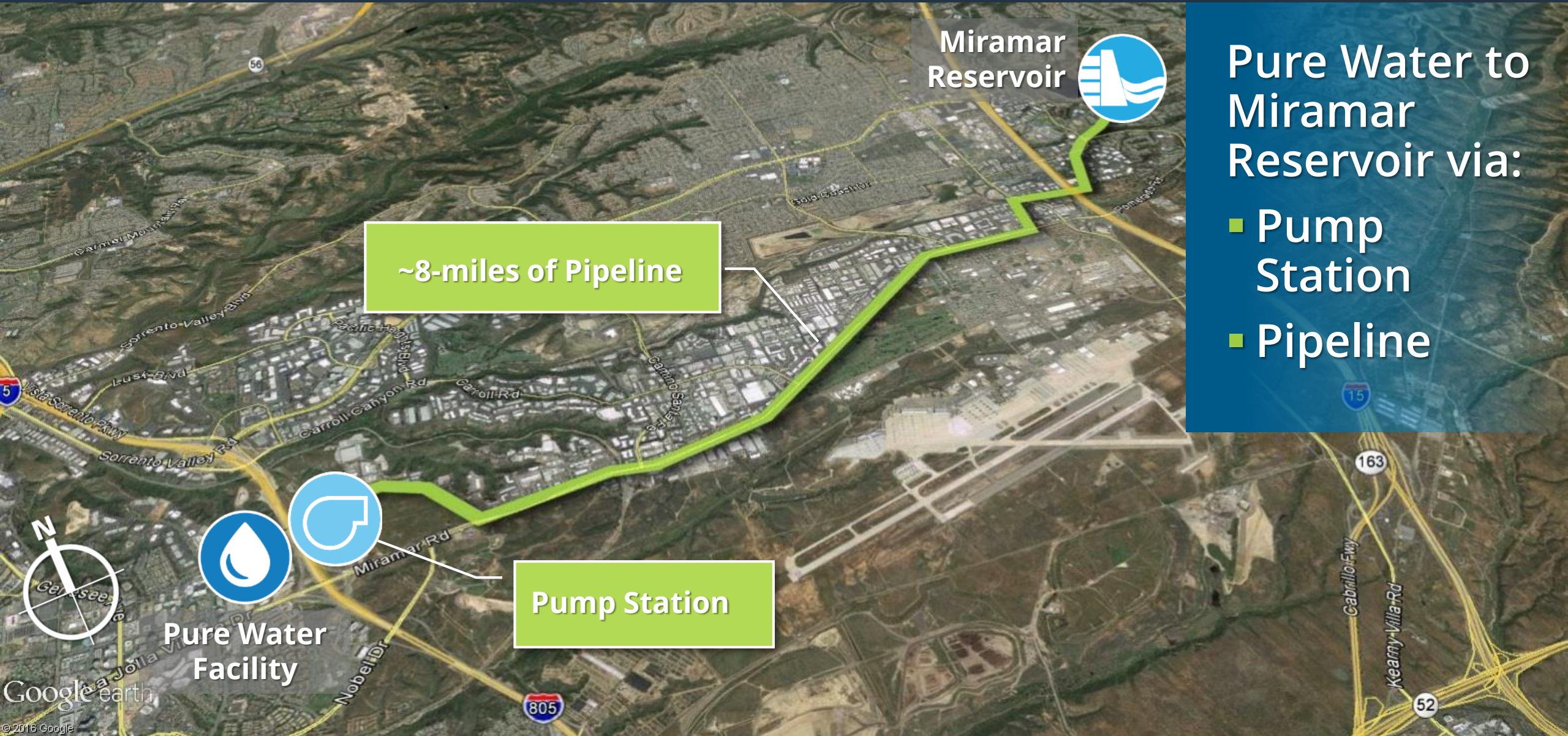


Ultraviolet
Disinfection
/Advanced
Oxidation

Design completion in 2018



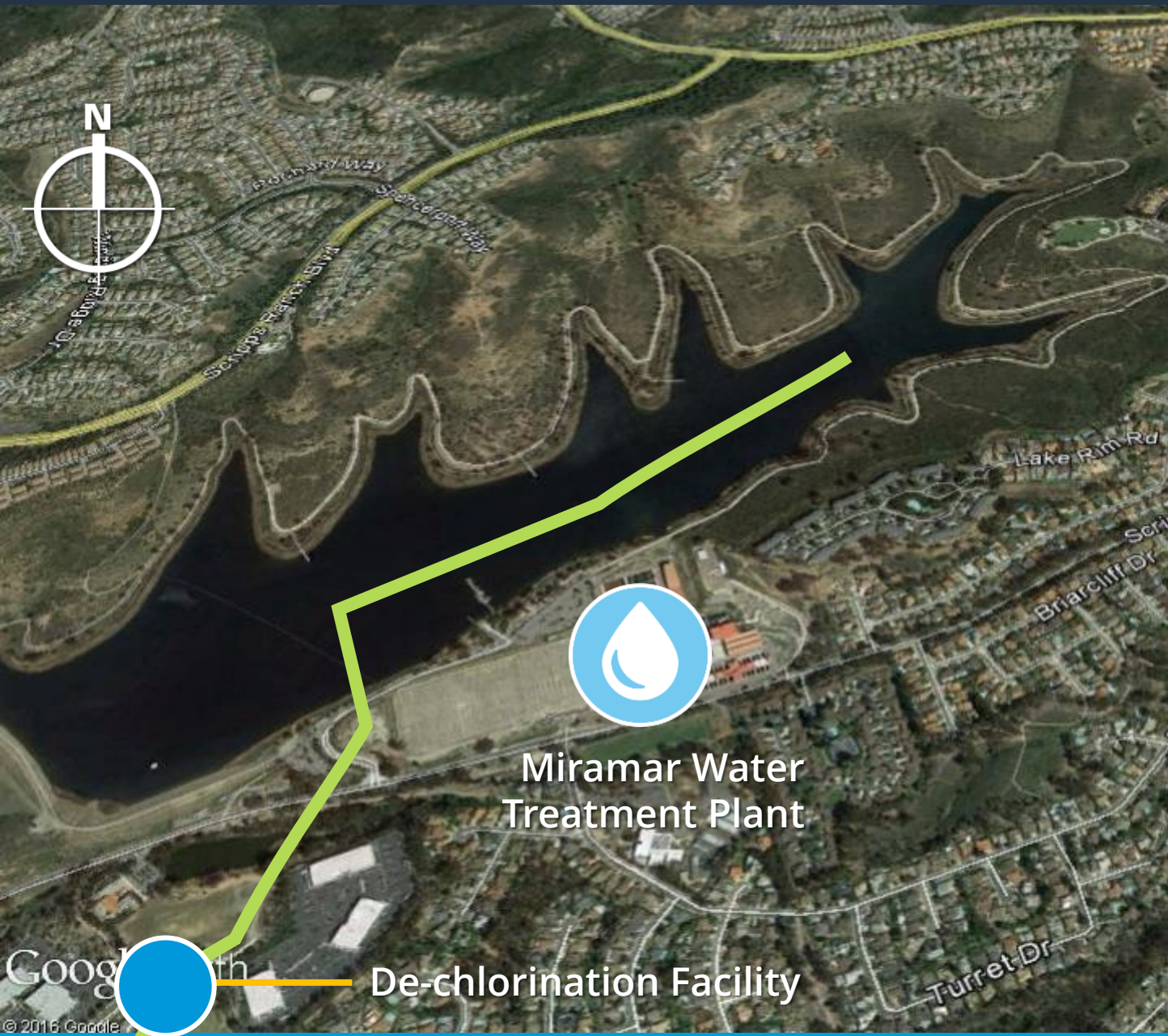
North City Pure Water Pump Station and Pipeline



Pure Water to Miramar Reservoir via:

- Pump Station
- Pipeline

SD Miramar Reservoir



The purified water:

- Is released via underwater pipeline in the reservoir
- Will blend with imported and local water supplies
- Design Completion: Early 2018
- Construction: Late 2018 - Late 2021



- **North City Pure Water Facility will Achieve LEED Silver Certification**
- **During construction 75% of waste will be recycled**